

Saturday, April 21

Session 11. Deformity Classification Systems and Etiology and Screening for Idiopathic Scoliosis

8:30-9:29 Moderators: Angelo Gabriele Aulisa, Nigel Price

8:30-8:33 Introductions

8:33-8:39 Paper #53. Limitations of the Castellvi classification (LSTV) in scoliosis.
Franz Landauer

8:39-8:45 Paper #54. Lenke and Rigo classifications. Can we speak the same language?
Judith Sanchez Raya, Manuel Rigo, Elisabetta D'Agata, Matamalas Antonia, Joan Bago

8:45-8:51 Paper #55. Reference values during growth for the Roussouly classification of sagittal balance and development of a new classification based on pelvic incidence.
Stefano Negrini, Sabrina Donzelli, Francesca Di Felice, Alessandro Laurini, Fabio Zaina

8:51-8:57 Discussion

8:57-9:03 Paper #56. Heuter-Volkman Principle in Idiopathic Scoliosis – a Computed Tomography Based Analysis.
Marcin Tyrakowski, Lukasz Stolinski, Jaroslaw Czubak, Dariusz Czaprowski

9:03-9:09 Paper #57. Estradiol: An Immediate Cause of AIS. Findings of a Mathematical Model.
(video presentation)
Katherine Sherman

9:09-9:15 Paper #58. Generalized joint hypermobility in secondary school: relation with idiopathic scoliosis, age, sex and musculoskeletal problems.
Sinem Bozkurt, Gülseren Kayalar, Nihal Tezel, Tuba Güler, Bilge Kesikburun, Merve Denizli, Sefa Tan, Hürriyet Yılmaz, Aslıhan Kusvuran Ozkan

9:15-9:21 Paper #59. Results of vertebral deformities screening in the students of the district of Florence, Italy
Lorenzo Apicella, Elisa Pratelli, Bruno Bertaccini, Antonio Petrocelli, Veronica Petrai, Massimo Innocenti, Pietro Pasquetti

9:21-9:29 Discussion

9:30-10:00 Panel Discussion: Beyond the Cobb Angle - Alternative Methods for Assessment of Spinal Deformity Patients
Nigel Price, Luke Stikeleather, Jeb McAviney, Nikos Karavidas, Elisabetta d'Agata

10:00-10:20 Break and Posters

Session 12. Issues in Deformity Measurement

10:20-10:44 Moderators: *Jeb McIvney, Lukasz Stolinski*

10:20-10:26 Paper #60. Patterns of coronal curve changes in forward bending posture: a 3D ultrasound study of adolescent idiopathic scoliosis patients.
Yong Ping Zheng, Weiwei Jiang, Connie Lok Kan Cheng, Jason Pui Yin Cheung, Dino Samartzis, Kelly Ka Lee Lai, Michael Kai Tsun To

10:26-10:32 Paper #61. Diurnal variation of angle of trunk rotation in children and adolescents with idiopathic scoliosis.
Justyna Bloda, Dariusz Czaprowski, Jakub Waś, Paulina Ewertowska, Anna Dembińska, Tomasz Kotwicki

10:32-10:38 Paper #62. Values of the angle of trunk rotation in standing, sitting and sitting on the heels position in juveniles and adolescents with idiopathic scoliosis.
Agnieszka Stępień, Katarzyna Guzek, Jolanta Stępowaska, Witold Rekowski, Ewa Gajewska

10:38-10:44 Discussion

10:44-10:49 SOSORT Awards Announcement

Session 13. Bracing: Immediate and Long-term Outcomes

10:49-11:21 Moderators: *Lori Dolan, Michele Romano, Sunčica Bulat Wuersching*

10:49-10:55 Paper #63. 50% primary correction in case of the idiopathic scoliosis treatment – fiction or reality?
Christian Grasl, Renata Pospischill, Dino Gallo

10:55-11:01 Paper #64. Quality of life in 1519 treated or untreated males and females with idiopathic scoliosis.
Elias Diarbakerli, Anna Grauers, Aina Danielsson, Allan Abbott, Paul Gerdhem

11:01-11:07 Paper #65. Multi-Center Long-Term Follow up Study of Adult Patients with Adolescent Idiopathic Scoliosis Treated with The Boston Brace – Quality Improvement from the Patient's Perspective.
Lauren Houle, James Wynne, M. Timothy Hresko

11:07-11:13 Paper #66. Muscular capacity of the scoliotic spine evaluated by isokinetic device after orthopaedic treatment in a population of 50 patients. Comparison with an asymptomatic population.
Jean-Claude Bernard, Gautier de Chelle, Liza Sakoun

11:13-11:21 Discussion

11:21-11:25 Closing Remarks

11:25 Adjournment

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